APPROVED TO 2 0 JAN-02006-1390 (Rev. 02-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unlesst displays a valid OMB control number ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES MERCK-3116 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/EP2004/007311 05 July 2004 (05.07.2004) 21 July 2003 (21.07.2003) TITLE OF INVENTION NANOPARTICULATE UV PROTECTANT WITH SILICON DIOXIDE COATING APPLICANT(S) FOR DO/EO/US Frank PFLUECKER, et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. '371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). Mas been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired A have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. 🖂 A preliminary amendment.

17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).

An Application Data Sheet under 37 C.F.R. 1.76.

16. A power of attorney and/or change of address letter.

A substitute specification.

Other items or information:.

20. 🔲

## IAP12 Rec'd PCT/PTO 20 JAN 2006

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/EP2004/007311					ATTORNEY'S DOCKET NUMBER		
					MERCK-3116		
The following fees have been submitted					CALCULATIONS	PTO USE ONLY	
21.	Basic national	fee		\$300	\$300.00		
22. Examination fee					\$200.00	······································	
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100							
All other situations \$200							
23. Search fee					\$500.00		
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an							
International Searching Authority \$100							
International Search Report prepared and provided to the Office \$400							
All other situations \$500						· · · · · · · · ·	
Total of 21, 22 and 23 =					\$1000.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding							
sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Shoots	and one of		up to a whole number)				
- 100	/50 =			x \$250	\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).					\$		
CLAIMS		MBER FILED	NUMBER EXTRA	RATE			
Total Claims	Total Claims		7	x \$50	\$350.00		
Independent Claims		2-3=	0	X \$200	\$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$		
TOTAL OF ABOVE CALCULATIONS =					\$1350.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.							
SUBTOTAL =					\$1350.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$		
TOTAL NATIONAL FEE =					\$1350.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$		
TOTAL FEES ENCLOSED =					\$1350.00		
				,	Amount to be refunded:	\$	
					Amount to be charged:	\$	
a. A check in the amount of \$1350.00 to cover the above fees is enclosed.					I		
<sup>7</sup> b. □	<del>-</del>						
	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form Provide credit card information and authorization on PTO-2038.							
			7 CFR 1.495 has not been met,	, a petition to reviv	e (37 CFR 1.137(a) o	r (b)) must be filed	
					·		
SEND ALL CORRESPONDENCE TO:							
				SIGNATURE			
Anthony J. Zels					ano		
NAME							
				27,969	NI NI IMBED		
REGISTRATIO Date: January 20, 2006					ON INCIMIDER		